

MULTIPLE I/O PATH SELECTION AMONG DISPARATE CHANNEL PATHS

Abstract of the Disclosure:

An apparatus, method and program product for selecting paths between a main memory and I/O devices in a data processing system
5 having a main memory for storing data, one or more I/O devices for receiving data from or sending data to the main memory, and an I/O processor (IOP) for controlling I/O operations for sending data between the main memory and the I/O devices. The data processing system includes disparate channels between the IOP and
10 the I/O devices. The disparate channels carry data between the main memory and the I/O devices during the I/O operations.
Included is a computer program executed by the IOP for assigning a path weight to selected ones of the disparate channel paths to be used in selecting the next channel path to carry data between
15 the main memory and I/O devices. Each disparate channel type has a different set of criteria for evaluating the path weight.